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LISTING OF THE CLAIMS

1           1. (Original) A method for doing call classification on a call to a  
2 destination endpoint, comprising the steps of:  
3           receiving audio information from the destination endpoint;  
4           analyzing using automatic speech recognition the received  
5 audio information for a first type of classification;  
6           analyzing using automatic speech recognition the received  
7 audio information for a second type of classification; and  
8           determining a call classification for the destination endpoint in  
9 response to the analysis of the first type of classification and the analysis  
10 of the second type of classification.

1           2. (Original) The method of claim 1 wherein the analysis for the  
2 first type of classification is analyzing the audio information for words.

1           3. (Original) The method of claim 2 wherein the analyzed  
2 words are formed as phrases.

1           4. (Original) The method of claim 2 wherein the analysis for the  
2 second type of classification is analyzing the audio information for tones.

1           5. (Original) The method of claim 4 wherein the step of  
2 receiving audio information further comprises detecting speech or tones in  
3 the audio information.

1           6. (Original) The method of claim 5 wherein the step of  
2 analyzing for the first type of classification is responsive to the detection of  
3 speech in the audio information to enable the step of executing a Hidden

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4      Markov Model to determine the presence of words in the audio  
5      information.

1              7. (Original) The method of claim 6 wherein the step of  
2      executing comprises the step of using a grammar for speech.

1              8. (Original) The method of claim 6 wherein the step of  
2      analyzing for the second type of classification is responsive to the  
3      detection of tones in the audio information to enable the step of executing a  
4      Hidden Markov Model to determine the presence of tones in the audio  
5      information.

1              9. (Original) The method of claim 8 wherein the step of  
2      executing comprises the step of using a grammar for tones.

1              10. (Original) The method of claim 8 wherein the step of  
2      determining comprises the step of executing an inference engine.

1              11. (Currently Amended) A method for doing call classification  
2      on a call to a destination endpoint, comprising the steps of:  
3              receiving audio information from the destination endpoint;  
4              detecting speech or tones in received audio information;  
5              analyzing using automatic speech recognition the received  
6      audio information for words in response to the detection of speech;  
7              analyzing using automatic speech recognition the received  
8      audio information for tones in response to the detection of tones; and  
9              determining a call classification for the destination endpoint in  
10     response to the analysis of words or the analysis of tones.

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1           12. (Original) The method of claim 11 wherein the step of  
2   analyzing for speech comprises the step of executing a Hidden Markov  
3   Model to determine the presence of words in the audio information.

1           13. (Original) The method of claim 12 wherein the step of  
2   executing comprises the step of using a grammar for speech.

1           14. (Original) The method of claim 12 wherein the step of  
2   analyzing for tones comprises the step of executing a Hidden Markov  
3   Model to determine the presence of tones in the audio information.

1           15. (Original) The method of claim 14 wherein the step of  
2   executing comprises the step of using a grammar for tones.

1           16. (Original) The method of claim 15 wherein the step of  
2   determining comprises the step of executing an inference engine.

1           17. (Currently Amended) A method for doing call classification  
2   by a automatic speech recognition unit on a call to a destination endpoint,  
3   comprising the steps of:

4           receiving audio information from the destination endpoint by the  
5   automatic speech recognition unit;

6           analyzing using automatic speech recognition the received  
7   audio information for a first type of classification by the automatic speech  
8   recognition unit;

9           analyzing using automatic speech recognition the received  
10   audio information for a second type of classification automatic speech by  
11   the recognition unit; and

12           determining a call classification for the destination endpoint in  
13   response to the analysis of the first type of classification and the analysis

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14 of the second type of classification by the automatic speech recognition  
15 unit.

1 18. (Original) The method of claim 17 wherein the analysis for  
2 the first type of classification is analyzing the audio information for words.

1 19. (Original) The method of claim 18 wherein the analyzed  
2 words are formed as phrases.

1 20. (Original) The method of claim 18 wherein the analysis for  
2 the second type of classification is analyzing the audio information for  
3 tones.

1 21. (Original) The method of claim 20 wherein the step of  
2 receiving audio information further comprises detecting speech or tones in  
3 the audio information.

1 22. (Original) The method of claim 21 wherein the step of  
2 analyzing for the first type of classification is responsive to the detection of  
3 speech in the audio information to enable the step of executing a Hidden  
4 Markov Model to determine the presence of words in the audio  
5 information.

1 23. (Original) The method of claim 22 wherein the step of  
2 executing comprises the step of using a grammar for speech.

1 24. (Original) The method of claim 22 wherein the step of  
2 analyzing for the second type of classification is responsive to the  
3 detection of tone in the audio information to enable the step of executing a

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4     Hidden Markov Model to determine the presence of tones in the audio  
5     information.

1                 25. (Original) The method of claim 24 wherein the step of  
2     executing comprises the step of using a grammar for tones.

1                 26. (Original) The method of claim 24 wherein the step of  
2     determining comprises the step of executing an inference engine.

1                 27. (Original) A call classifier for determining the call  
2     classification of a called destination endpoint, comprising:  
3                         an automatic speech recognizer for detecting first  
4     characteristics in audio information received from the called destination  
5     endpoint;  
6                         the automatic speech recognizer further detecting second  
7     characteristics in the audio information received from the called  
8     destination endpoint; and  
9                         inference engine for classifying the call in response to the  
10    automatic speech recognizer.

1                 28. (Original) The call classifier of claim 27 wherein the first  
2     characteristics are words.

1                 29. (Original) The call classifier of claim 28 wherein the words  
2     are formed into phrases.

1                 30. (Original) The call classifier of claim 28 wherein the second  
2     characteristics are tones.

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A ( 31. (Original) The call classifier of claim 30 wherein the

automatic speech recognizer is executing a Hidden Markov Model.